**Terminal**:

cd ~/Documents/IPL\ Predictor

streamlit run app.py

**Rough Code**:

import streamlit as st

import pickle

import pandas as pd

teams = ['Sunrisers Hyderabad',

'Mumbai Indians',

'Royal Challengers Bangalore',

'Kolkata Knight Riders',

'Kings XI Punjab',

'Chennai Super Kings',

'Rajasthan Royals',

'Delhi Capitals']

cities = ['Hyderabad', 'Bangalore', 'Mumbai', 'Indore', 'Kolkata', 'Delhi',

'Chandigarh', 'Jaipur', 'Chennai', 'Cape Town', 'Port Elizabeth',

'Durban', 'Centurion', 'East London', 'Johannesburg', 'Kimberley',

'Bloemfontein', 'Ahmedabad', 'Cuttack', 'Nagpur', 'Dharamsala',

'Visakhapatnam', 'Pune', 'Raipur', 'Ranchi', 'Abu Dhabi',

'Sharjah', 'Mohali', 'Bengaluru']

pipe = pickle.load(open('pipe.pkl','rb'))

st.title('IPL Win Predictor')

col1, col2 = st.columns(2)

with col1:

batting\_team = st.selectbox('Select the batting team',sorted(teams))

with col2:

bowling\_team = st.selectbox('Select the bowling team',sorted(teams))

selected\_city = st.selectbox('Select host city',sorted(cities))

target = st.number\_input('Target')

col3,col4,col5 = st.columns(3)

with col3:

score = st.number\_input('Score')

with col4:

overs = st.number\_input('Overs completed')

with col5:

wickets = st.number\_input('Wickets out')

if st.button('Predict Probability'):

runs\_left = target - score

balls\_left = 120 - (overs\*6)

wickets = 10 - wickets

input\_df = pd.DataFrame({'batting\_team':[batting\_team],'bowling\_team':[bowling\_team],'city':[selected\_city],'runs\_left':[runs\_left],'balls\_left':[balls\_left],'wickets':[wickets],'total\_runs\_x':[target]})

result = pipe.predict\_proba(input\_df)

loss = result[0][0]

win = result[0][1]

st.header(batting\_team + "- " + str(round(win\*100)) + "%")

st.header(bowling\_team + "- " + str(round(loss\*100)) + "%")